To: Sorenson - DNR, Allen[allen.sorenson@state.co.us]; Don Deere[don.deere@deereault.com]

Cc: Way, Steven[way.steven@epa.gov]; Matt Francis[m.francis@erllc.com]; Christoph

Goss[christoph.goss@deereault.com]

From: Christoph Goss

Sent: Thur 8/20/2015 11:05:06 PM

Subject: Gold King Volumes
Gold King Volumes DA.xlsx
Gold King Volumes DA.xlsx

All

Here is a quick summary of volumes and elevations at Gold King based on the information provided by DRMS. I think that this table will serve as a good basis for discussion tomorrow. Please comment on my assumption of typical 8x8 dimensions of the workings and check the portal elevation.

How much is known about the water source in the Gold King (precipitation trickling through upper levels vs groundwater rising from below)? How wet were the upper levels during mining?

Christoph

From: Sorenson - DNR, Allen [mailto:allen.sorenson@state.co.us]

Sent: Thursday, August 20, 2015 3:08 PM

To: Christoph Goss

Subject: Fwd: Gold King Length along Levels

----- Forwarded message -----

From: **Brown - DNR, Kirstin** < <u>kirstin.brown@state.co.us</u>>

Date: Tue, Aug 18, 2015 at 10:35 PM Subject: Gold King Length along Levels

To: Allen Sorenson - DNR <allen.sorenson@state.co.us>, Bruce Stover - DNR

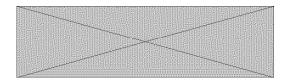
<Bruce.Stover@state.co.us>

Here are the lengths.
I gave a copy of everything I had to EPA on a hard drive.
I need to get a copy to you all too.
I will buy a thumb drive and get it to you. Problem is, I need a 1 terrabyte thumb drive because there is so much.
Kirstin Brown
Colorado Division of Reclamation, Mining and Safety
1257 Galaxy Drive
Durango, CO 81301
<u>(970)</u> 903-7889
kirstin.brown@state.co.us

Allen C. Sorenson

Project Manager/Geological Engineer

Inactive Mine Reclamation Program



P 303.866.3567x8143 | F 303.832.8106 | C 303.263.7886

1313 Sherman Street #215, Denver, CO 80203

allen.sorenson@state.co.us | www.mining.state.co.us